

FORM-PTO-1390
(Rev. 10-96)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

003300-685

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

09/647544INTERNATIONAL APPLICATION NO.
PCT/SE99/00544INTERNATIONAL FILING DATE
31 March 1999PRIORITY DATE CLAIMED
2 April 1998 and 28 January 1999

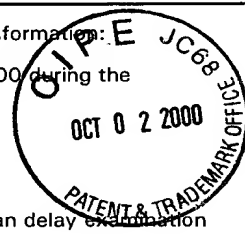
TITLE OF INVENTION
AN INTEGRIN HETERODIMER AND A SUBUNIT THEREOF

APPLICANT(S) FOR DO/EO/US
EVY LUNDGREN-ÅKERLUND

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

It is contemplated that this Application be prosecuted while using Claims 1 to 134 that were presented on May 29, 2000 during the international phase of prosecution as amended in the Preliminary Amendment filed herewith.

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and the PCT Articles 22 and 39(1).
 4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
 6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
 7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (signed Declaration will follow)
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
 14. ☐ A substitute specification.
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information:



Copies of Swedish Application No. 9801164-6, filed 2 April 1998 and Swedish Application No. 9900319-6, filed 28 January 1999 were submitted during the international phase of prosecution. Thus, the claim for priority has been substantiated.

This Application qualifies for small entity status.

U.S. APPLICATION NO. (If known) 09/6474		INTERNATIONAL APPLICATION NO. PCT/SE99/00544		ATTORNEY'S DOCKET NUMBER 003300-685	
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17. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$860.00 (970) International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 (956) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 (958) Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to U.S. PATENT AND TRADEMARK OFFICE International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00 (962) <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>					
Surcharge of \$130.00 (154) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). 20 <input type="checkbox"/> 30 <input type="checkbox"/>				\$ --	
Claims	Number Filed	Number Extra	Rate		
Total Claims	134 -20 =	114	X\$18.00 (966)	\$ 2,052.00	
Independent Claims	38 -3 =	35	X\$80.00 (964)	\$ 2,800.00	
Multiple dependent claim(s) (if applicable)			+ \$270.00 (968)	\$ --	
TOTAL OF ABOVE CALCULATIONS =				\$ 5,852.00	
Reduction for 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 2,926.00	
SUBTOTAL =				\$ 2,926.00	
Processing fee of \$130.00 (156) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). 20 <input type="checkbox"/> 30 <input type="checkbox"/>				\$ --	
TOTAL NATIONAL FEE =				\$ 2,926.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (581) per property +				\$ --	
TOTAL FEES ENCLOSED =				\$ 2,926.00	
				Amount to be: refunded	\$
				charged	\$

a. ☒ A check in the amount of \$ 2,926.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

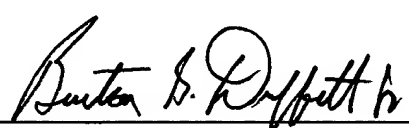
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Benton S. Duffett, Jr.
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

Filed: October 2, 2000


 SIGNATURE
 Benton S. Duffett, Jr.
 NAME
22,030
 REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	BOX PCT
)	Attention: DO/EO/US
EVY LUNDGREN-ÅKERLUND)	
)	
Application No.: 09/647,544)	Group Art Unit: Unassigned
)	
Filed: October 2, 2000)	Examiner: Unassigned
)	
For: AN INTEGRIN HETERODIMER)	
AND A SUBUNIT THEREOF)	

TRANSMITTAL OF FORMAL DRAWINGS


Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant submits twenty-two (22) sheets of formal drawings (i.e., Figs. 1 to 17).

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

Benton S. Duffett, Jr.
Registration No. 22,030

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Filed: October 26, 2000